## 1 SEQUENCE LISTING

CHUNG, Kwang-Hoe <110> KIM, Doo-Sik 5 Novel Protein Derived from Agkistrodon saxatilis emelianov ·<120> and Process for Preparing the Same 10 <160> 10 KOPATIN 1.5 <170> 1 <210> <211> 71 **PRT** <212> Agkistrodon saxatilis emelianov 15 <213> 1 <400> Glu Ala Gly Glu Glu Cys Asp Cys Gly Ala Pro Ala Asn Pro Cys Cys 15 10 5 1 20 Asp Ala Ala Thr Cys Lys Leu Arg Pro Gly Ala Gln Cys Ala Glu Gly 30 25 20 Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg 45 40 35 25 Met Ala Arg Gly Asp Asp Met Asp Asp Tyr Cys Asn Gly Ile Ser Ala 60 55 50 Gly Cys Pro Arg Asn Pro Phe His Ala 30 70 65 2 <210> 213 <211> 35 DNA <212>

2

	<213>	Agkistrodon saxatilis emelianov		
	<400>	2		
5	ggagaagaat	gtgactgtgg cgctcctgca aatccgtgct gcgatgctgc aacctgtaaa 60		
	ctgagaccag	gggcgcagtg tgcagaagga ctgtgttgtg accagtgcag atttatgaaa 120		
	gaaggaacaa	a tatgccggat ggcaaggggt gatgacatgg atgattactg caatggcata 180		
10	tctgctggct g	gtcccagaaa tcccttccat gcc	213	
	<210>	3		
	<211>	20		
15		DNA		
	<213>	Artificial Sequence		
	<220>			
	<223>	primer		
20				
	<400>	3		
	ggngargart gygaytgygg			20
25	<210>	4		
	<211>	20		
	<212>	DNA		
	<213>	Artificial Sequence		
30	<220>			
	<223>	primer		
	<400>	4		
	ggcatggaa	g ggatttctgg		20

WO 02/14488 PCT/KR00/00809

3
<210> 5
<211> 33
<212> DNA

<213> Artificial Sequence

<220>

5

<223> primer

<400> 5

10 ccgctcgaga aaagagaggc cggagaagaa tgt 33

<210> 6
<211> 27

15 <212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 6

cggaattctc attaggcatg gaaggga 27

<210> 7
25 <211> 6

<212> PRT

<213> Artificial Sequence

<220>

30 <223> oligopeptide

<400> 7

Gly Arg Gly Asp Ser Pro

1 5

35

PCT/KR00/00809 WO 02/14488

<210> 8 <211> <212> PRT <213> Artificial Sequence 5 <220> <223> oligopeptide <400> 8 10 Gly Arg Gly Glu Thr Pro 1 5 <210> <211> 12 PRT 15 <212> <213> Agkistrodon saxatilis emelianov <400> Gly Glu Glu Cys Asp Cys Gly Ala Pro Ala Asn Pro 5 20 10 <210> 10 <211> 73 25 <212> PRT <213> Agkistrodon halys brevicaudus <400> 10 Glu Ala Gly Glu Cys Asp Cys Gly Ser Pro Gly Asn Pro Cys Cys 30 1 5 10 Asp Ala Ala Thr Cys Lys Leu Arg Gin Gly Ala Gin Cys Ala Glu Gly

> 20 25 30

15

35 Leu Cys Cys Asp Gln Cys Arg Phe Met Lys Glu Gly Thr Ile Cys Arg

 $. \vdash \mathcal{A}_{\mathcal{C}_{\mathcal{C}}}$ 

5

Arg Ala Arg Gly Asp Asp Leu Asp Asp Tyr Cys Asn Gly Ile Ser Ala 50

55

60

Gly Cys Pro Arg Asn Pro Phe His Ala

65

5